

AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions and listings of claims. Only those claims being amended herein show their changes in highlighted form, where insertions appear as underlined text (e.g., insertions), while deletions appear as strikethrough text (e.g., ~~deletions~~) or enclosed in double brackets (e.g., [[deletion]]).

1-23. **(Canceled)**

24. **(Currently Amended)** A multilumen catheter, comprising:
an elongate, flexible tubular body, having a proximal end and a distal end;
a first lumen extending throughout the length of the tubular body, between the proximal end and the distal end, said first lumen having an open proximal access port for receiving a guidewire and an open distal access port through which said guidewire can extend;
a second lumen extending between a proximal port formed by a first cutout and a distal port formed by a second cutout;
wherein;
the proximal port and the distal port are each arranged so as to be collinear with the second lumen;
at least the distal port is spaced proximally apart from the distal end; and
the catheter includes a proximal extension of the second lumen and a distal extension of the second lumen; and
the proximal and distal extensions are occluded from a remaining portion of the second lumen at the proximal and distal ports.

25. **(Currently Amended)** A multilumen catheter as in Claim 24, wherein said tubular body (26) includes a reinforcing element for reinforcing the first lumen.

26. **(Previously Presented)** A multilumen catheter as in Claim 25, wherein said reinforcing element is a braided wire.

27. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein between said distal port and said distal end there is no expandable member.

28. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein said catheter has a substantially constant first diameter between said proximal port and said distal port, which is substantially equal to the diameter of a distal portion of the catheter adjacent said distal port.

29. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein the proximal and distal extensions are occluded by glue plugs.

30. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein the catheter only includes two lumens.

31. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein the axis of the first lumen and the axis of the second lumen are centered about a common plane extending through the catheter.

32. **(Previously Presented)** A multilumen catheter as in Claim 31, further comprising an axially extending slit in the wall of the second lumen that extends along the common plane.

33. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein the first and second cutouts are skives.

34. **(Previously Presented)** A multilumen catheter as in Claim 24, wherein the first and second cutouts each define a cylindrical surface.